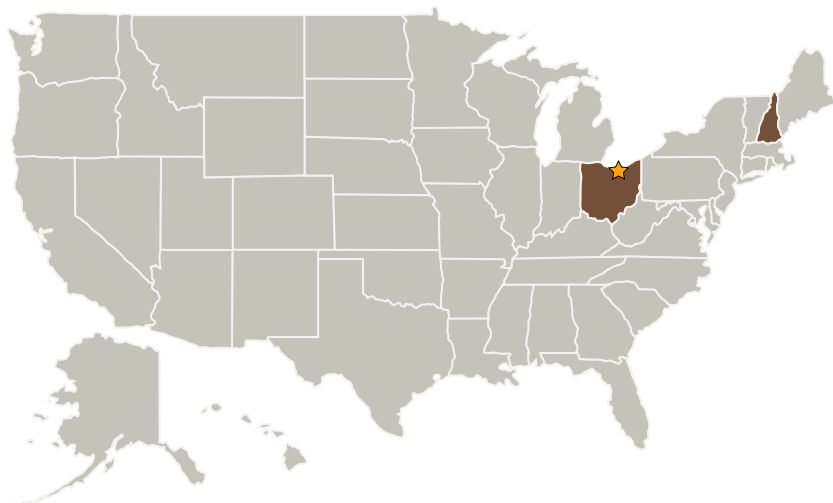


SiGe Semiconductor Devices for High-Performance Cryogenic Power Electronics, Phase I

Completed Technology Project (2003 - 2003)



Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ Glenn Research Center(GRC)	Lead Organization	NASA Center	Cleveland, Ohio
GPD Optoelectronics Corporation	Supporting Organization	Industry	Salem, New Hampshire

Primary U.S. Work Locations

New Hampshire	Ohio
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SiGe Semiconductor Devices for High-Performance Cryogenic Power Electronics, Phase I

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Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Glenn Research Center (GRC)

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

SiGe Semiconductor Devices for High-Performance Cryogenic Power Electronics, Phase I

Completed Technology Project (2003 - 2003)



Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Principal Investigator:

Rufus R Ward

Technology Areas

Primary:

- TX03 Aerospace Power and Energy Storage
 - └ TX03.3 Power Management and Distribution
 - └ TX03.3.4 Advanced Electronic Parts